SEQUENCE LISTING

12

```
<110> Manoharan, Muthiah
       Baker, Brenda
       Eldrup, Ann
       Bhat, Balkrishen
       Griffey, Richard H.
       Swayze, Eric E.
       Prakash, Thazha P. Crooke, Stanley T.
<120> Cross-Linked Oligomeric Compounds and Their Use in Gene
       Modulation
<130>
      ISIC0010-101
<150> US 10/606,501
       2003-06-26
<151>
       US 60/423,760
<150>
<151>
       2002-11-05
      US 10/078,949
<150>
<151>
       2002-02-20
<150>
      US 09/479,783
<151>
       2000-01-07
<150>
       US 08/870,608
<151>
       1997-06-06
      US 08/659,440
<150>
<151>
      1996-06-06
<160>
<170>
      PatentIn version 3.2
<210>
       1
<211>
       21
<212>
       DNA
<213>
      Artificial Sequence
<220>
<223>
      oligonucleotide
<400> 1
cgagaggcgg acgggaccgt t
                                                                         21
<210>
       2
<211>
       21
<212>
<213>
       Artificial Sequence
<220>
<223>
       oligonucleotide
<400> 2
ttgctctccg cctgccctgg c
                                                                          21
```

Page 1

```
<210>
       3
<211>
       11
<212>
       DNA
<213>
       Artificial Sequence
<220>
<223>
      oligonucleotide
<220>
<221>
       modified_base
<222>
       (6) . . (6)
<223>
       Base at position 6 is 2'-O-(pentylamino) adenosine
<400> 3
ggctgnctgc g
                                                                          11
<210>
       4
<211>
       11
<212>
       DNA
<213> Artificial Sequence
<220>
<223> oligonucleotide
<220>
       modified_base
<221>
<222>
       (6)..(6)
      Position 6 is an abasic site.
<223>
<400> 4
cgcagncagc c
                                                                          11
<210>
<211>
       31
<212>
       RNA
<213>
       Artificial Sequence
<220>
<223>
       oligonucleotide
<220>
<221>
      modified base
      (12)..(1\overline{2})
<222>
<223> Base at position 12 is 2'-0-(pentylamino) adenosine
<220>
<221>
       modified base
<222>
       (23)..(23)
<223>
       Base at position 23 is 2'-O-[propion-4-al bis
       (o-nitrophenyl) acetyl] uridine
<400> 5
agccagaucu gngccuggga gcncucuggc u
                                                                          31
```

Page 2

```
<210>
       6
<211>
      30
<212>
      RNA
<213>
      Artificial Sequence
<220>
<223> oligonucleotide
<220>
<221>
      modified_base
<222>
      (1)..(1)
      Base at position 1 is 2'-O-[S-trityl (hexyl-8-thiol)] adenine
<223>
<220>
<221> modified base
<222>
      (30)..(3\overline{0})
<223> Base at position 30 is 2'-O-[S-trityl (hexyl-8-thiol)] uridine
<400> 6
                                                                        30
ngccagaucu gagccuggga gcucucuggn
<210>
      7
<211>
      20
<212>
      DNA
<213> Artificial Sequence
<220>
<223> oligonucleotide
<220>
<221> misc_feature
<222>
       (1)..(3)
<223> 2'-O-methoxyethyl modified bases
<220>
<221>
      misc_feature
       (13)..(20)
<222>
<223>
       2'-O-methoxyethyl modified bases
<400> 7
                                                                        20
tccgtcatcg ctcctcaggg
<210>
       8
<211>
       20
<212>
       DNA
<213>
       Artificial Sequence
<220>
<223>
      oligonucleotide
```

, "mg

<220>

	• •	
<221̈́>	misc_feature	
	(1) . . (5)	
	2'-O-methoxyethyl modified bases	
<220>		
	misc feature	
	(16) (20)	
	2'-O-methoxyethyl modified bases	
<400>	8	
	gcga gcccgaaatc	20
<210>	9	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	oligonucleotide	
.000>		
<220>	and an example of the second o	
	misc_feature	
	(1) $\overline{.}$ (5)	
<223>	2'-O-methoxyethyl modified bases	
<220>		
	misc_feature '	
	(16) (20)	
<223>	2'-O-methoxyethyl modified bases	
<400>	9	
atgcattctg cccccaagga		20